

2000P09010US01; 60,427-242

IN THE CLAIMS

1. (Previously Presented) An active noise attenuation system comprising:
a plastic speaker housing having an open end into which air is drawn;
a speaker mounted within said speaker housing;
a plastic air cleaner housing positioned between said speaker housing and an engine; and
a plurality of brackets joined to said speaker and air cleaner housings for attachment to a vehicle structure with at least one of said brackets mounting said air cleaner housing to the vehicle structure and at least one of said brackets mounting said speaker housing to the vehicle structure wherein each of said brackets includes a first end portion mounted to the vehicle structure and a distal portion joined with said air cleaner housing or said speaker housing.
2. (Cancelled)
3. (Previously Presented) A system according to claim 1 including an isolator mounted between said first end portions and the vehicle structure.
4. (Cancelled)
5. (Previously Presented) A system according to claim 1 wherein said distal portions are welded to said housings.

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6. (Previously Presented) A system according to claim 1 wherein said distal portions are fastened to said housings.
7. (Previously Presented) A system according to claim 1 wherein said distal portions are pre-formed and insert molded to said housings.
8. (Previously Presented) A system according to claim 1 wherein said distal portions are snap-fit to said housings.
9. (Previously Presented) A system according to claim 1 wherein said plurality of brackets comprises a single bracket body having a plurality of leg mounts extending between said speaker and air cleaner housings and the vehicle structure.
10. (Previously Presented) A method for mounting an active noise attenuation system to a vehicle structure comprising the steps of:
 - (a) providing a generic speaker housing common to multiple vehicle types;
 - (b) forming the speaker housing as part of an air induction component having a passage for directing airflow to an engine;
 - (c) providing a bracket assembly including a plurality of bracket portions with each bracket portion having a first end portion and a distal portion;
 - (d) joining the distal portions to the speaker housing; and
 - (e) attaching the first end portions to a vehicle structure.

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11. (Previously Presented) A method according to claim 10 wherein step(b) includes forming the speaker housing from plastic.

12. (Previously Presented) A method according to claim 10 wherein step (d) includes pre-forming the bracket assembly and insert molding the distal portions to the speaker housing.

13. (Previously Presented) A method according to claim 10 wherein step (d) includes snap-fitting the distal portions to the speaker housing.

14. (Previously Presented) A method according to claim 10 wherein step (d) includes welding the distal portions to the speaker housing.

15. (Previously Presented) A method according to claim 10 wherein step (d) includes fastening the distal portions to the speaker housing.

16. (Cancelled)

17. (Previously Presented) A method for mounting an active noise attenuation system to a vehicle structure comprising the steps of:

(a) providing a generic speaker housing common to multiple vehicle types and an air cleaner housing positioned between the speaker housing and an engine;

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- (b) providing a bracket assembly including a plurality of bracket portions with each bracket portion having a first end portion and a distal portion;
- (c) joining at least one distal portion to the air cleaner housing and joining at least one distal portion to the speaker housing; and
- (d) attaching the first end portions to a vehicle structure.

18-21. (Cancelled)

22. (Previously Presented) An active noise attenuation system comprising:
- a first housing portion having an inlet into which air is drawn;
 - at least one noise attenuation component mounted within said first housing portion;
 - a second housing portion in fluid communication with said first housing portion for conducting air from said inlet into a vehicle engine wherein said first and second housing portions are molded from plastic; and
 - a bracket assembly including a plurality of bracket portions with at least one of said bracket portions mounting said first housing portion to a vehicle structure and at least one of said bracket portions mounting said second housing portion to the vehicle structure wherein each of said bracket portions includes a first end portion mounted to the vehicle structure and a distal portion joined with said first or second housing portion.

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23. (Previously Presented) A system according to claim 22 wherein said first housing portion comprises a speaker housing and said second housing portion comprises an air cleaner housing.

24. (Previously Presented) A system according to claim 22 including an isolator mounted between each of said bracket portions and the vehicle structure.

25-26. (Cancelled)

27. (Previously Presented) A system according to claim 22 wherein each of said distal portions is welded to said first or second housing portions.

28. (Previously Presented) A system according to claim 22 wherein each of said distal portions is fastened to said housing with at least one fastener.

29. (Previously Presented) A system according to claim 22 wherein said bracket assembly is pre-formed with one end of each of said distal portions being insert molded to one of said first or second housing portions.

30. (Previously Presented) A system according to claim 22 wherein each of said distal portions is snap-fit to said first or second housing portions.

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31. (Previously Presented) A system according to claim 22 wherein said bracket assembly comprises a single bracket body member having a plurality of leg mounts that form said bracket portions, said leg mounts extending between said first and second housing portions and the vehicle structure to form a cradle mount.

32. (Previously Presented) A system according to claim 22 wherein said bracket assembly comprises a plurality of separate bracket members with at least one of said bracket members mounting said first housing portion to the vehicle structure and at least one of said bracket members mounting said second housing portion to the vehicle structure.

33. (Previously Presented) A method according to claim 10 including the step of mounting an isolator between the first end portions and the vehicle structure.

34. (Previously Presented) A method for mounting an active noise attenuation system to a vehicle structure comprising the steps of:

(a) providing a generic speaker housing common to multiple vehicle types wherein the speaker housing includes an air cleaner housing portion adjacent to the speaker housing;

(b) providing a bracket assembly including a plurality of bracket portions with each bracket portion having a first end portion and a distal portion;

(c) joining at least one of the distal portions to the speaker housing and joining at least one of the distal portions to the air cleaner housing portion; and

(d) attaching the first end portions to a vehicle structure.

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35. (Previously Presented) A method according to claim 10 including positioning an air cleaner housing between the speaker housing and the engine such that air flows through the passage from the speaker housing and into the air cleaner housing.

36. (Previously Presented) A method according to claim 35 including joining at least one distal portion to the speaker housing and at least one distal portion to the air cleaner housing.